Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 51739, Expiration Date: 01/31/2016
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	589	125000	125000	2.84	123796	2.82	19561	3.72
Blue	F	SSC	514	125000	125000	5.13	123340	5.03	60930	3.98
Blue	E	FITC	520	17316	17224	3.72	979	9.23	106	34.35
Blue	D	PE	514	22501	22462	3.46	1012	8.55	210	24.71
Blue	B	PerCP-Cy5-5	607	67647	63940	3.94	1779	13.3	214	39.54
Blue	A	PE-Cy7	663	80682	72480	4.77	1057	24.56	80	95.65
Red	C	APC	585	64263	63778	2.67	3623	8.14	338	26.11
Red	A	APC-Cy7	565	96129	97254	2.7	1905	8.13	120	37.41
Violet	B	V450	456	11714	10730	3.49	730	8.14	77	39.85
Violet	A	V500	487	48394	42147	3.09	2738	5.84	178	22.17

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.8	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.1578	-14.3	N/A	N/A	N/A
Blue	E	FITC	62	240964	7.3384	-15.7	21.2	0.0256	86
Blue	D	PE	142	240813	7.2556	-15.3	21.1	0.1757	149
Blue	B	PerCP-Cy5-5	253	237585	7.3324	-15.6	23.1	0.0115	6
Blue	A	PE-Cy7	89	236149	7.4052	-16.0	23	0.0155	10
Red	C	APC	89	239588	7.3649	-15.6	19.2	0.0212	1
Red	A	APC-Cy7	97	236732	7.3792	-15.3	18.3	0.0045	511
Violet	B	V450	39	238528	7.3646	-15.5	13	0.0424	1414
Violet	A	V500	81	242088	7.5543	-15.6	14.3	0.0138	213

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.54	-31.33	0.84
Blue	20.35	16.27 - 24.41	1.25	0.99 - 1.49	0.00	0.00	1.30
Red	16.60	13.28 - 19.92	N/A	N/A	31.75	32.06	1.12

Window Extension: 7.00
FSC Area Scaling Factor: 0.89

Threshold

Threshold (FSC): 14564

Fluidics

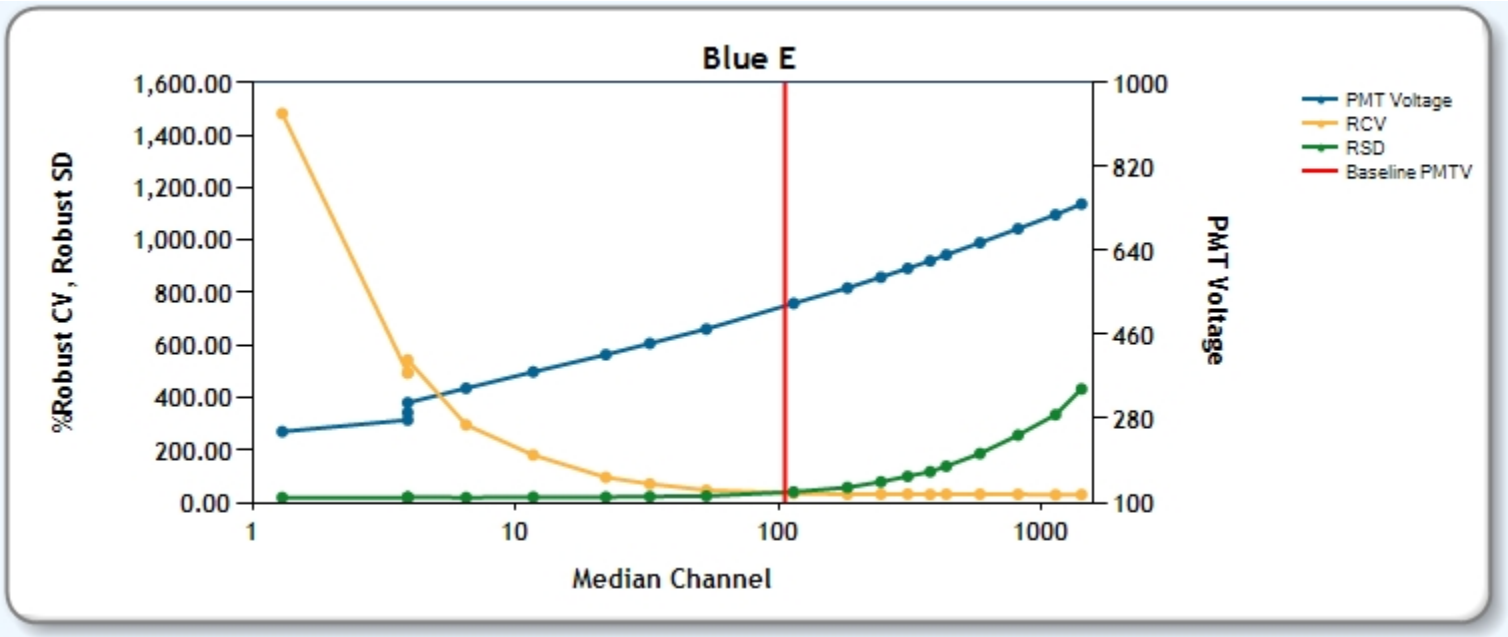
FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

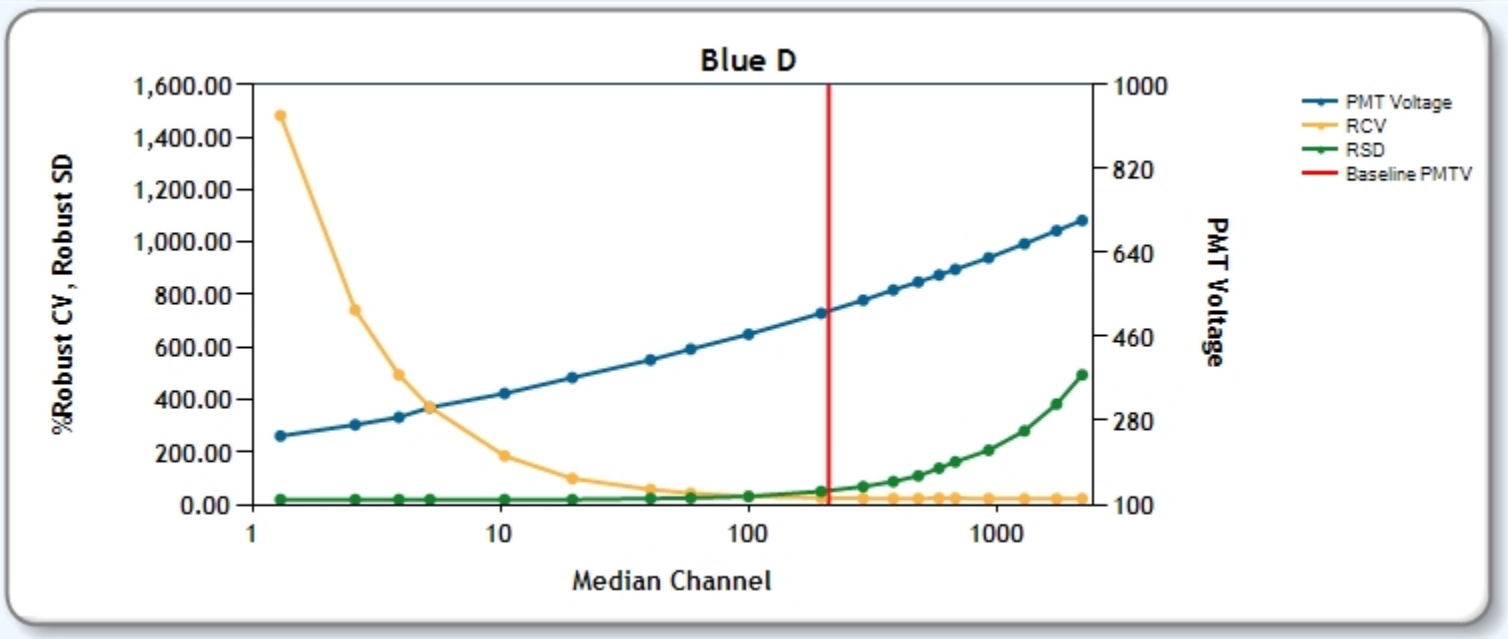
Comments

Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

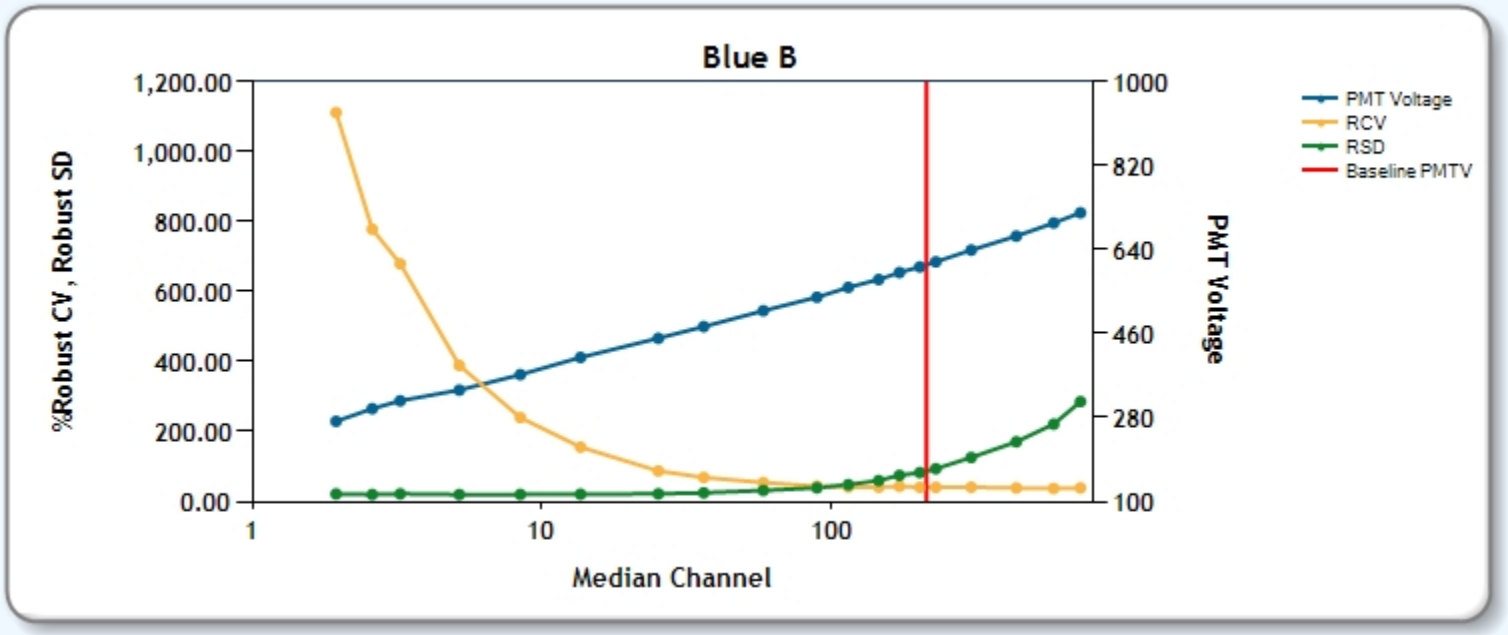
PMTV Optimization Results

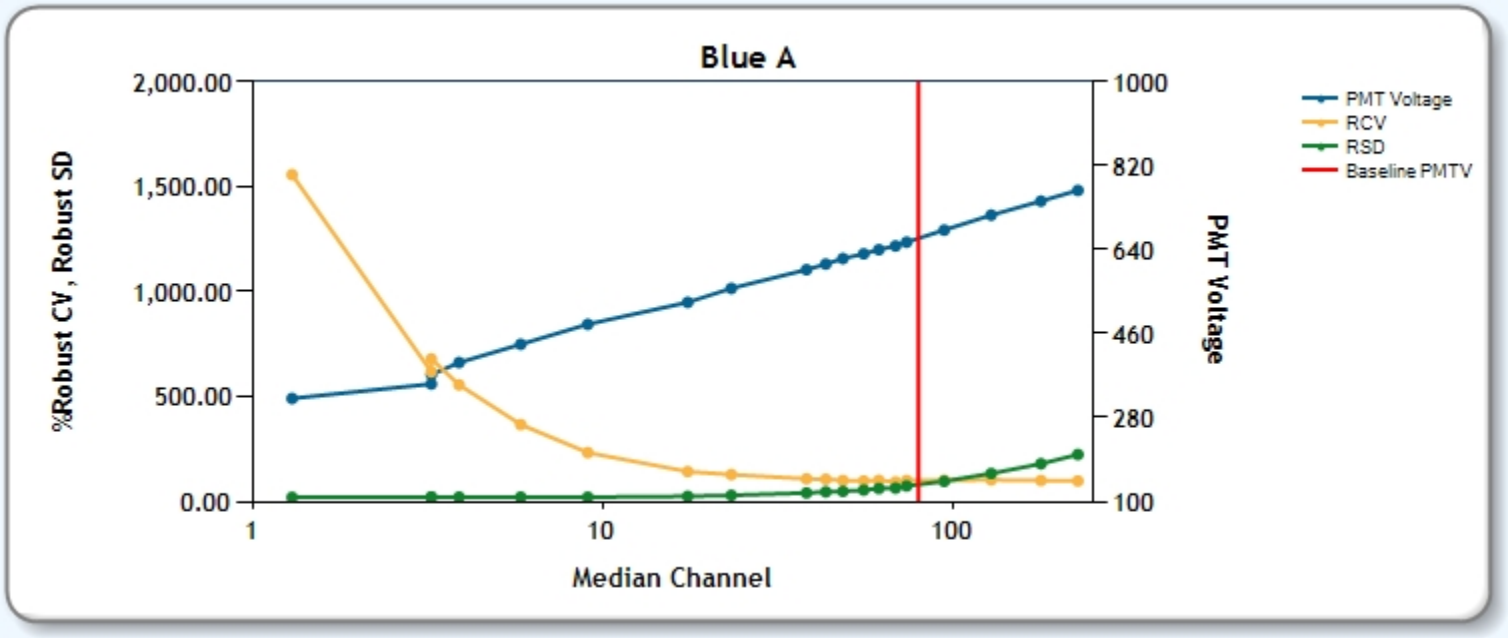




Cytometer Baseline Report

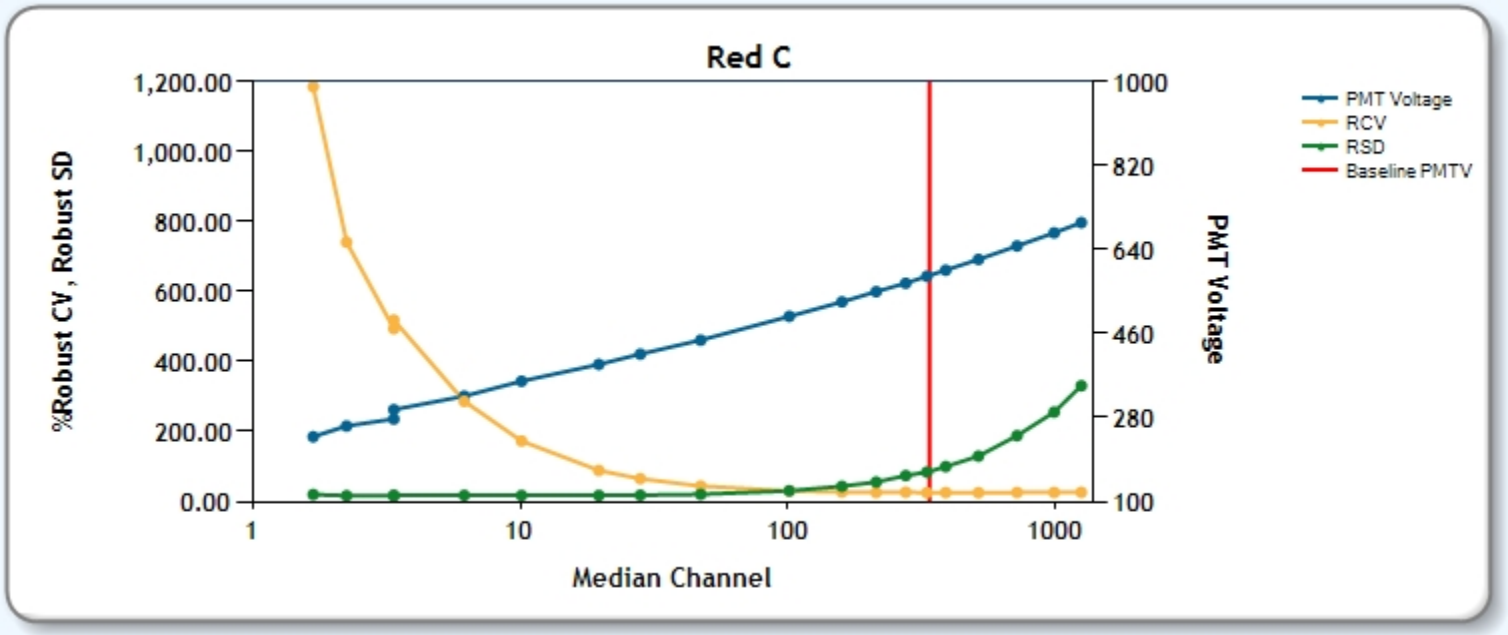
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

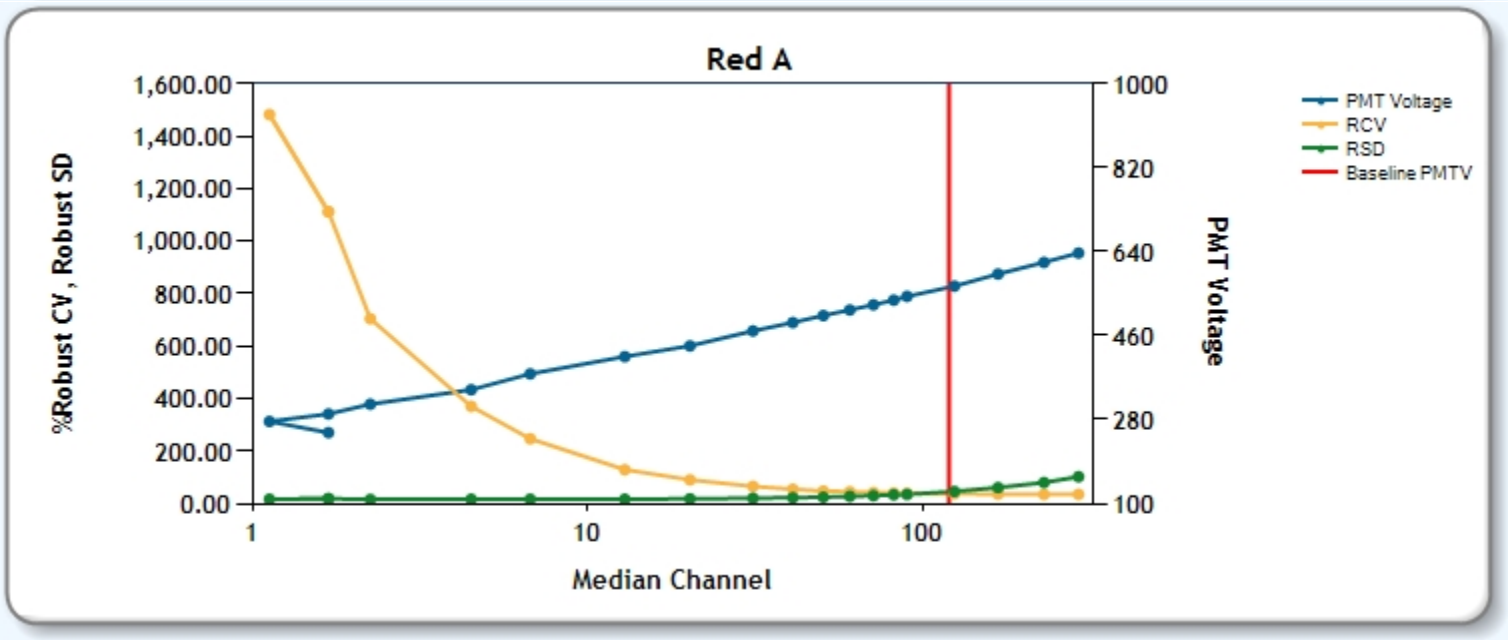




Cytometer Baseline Report

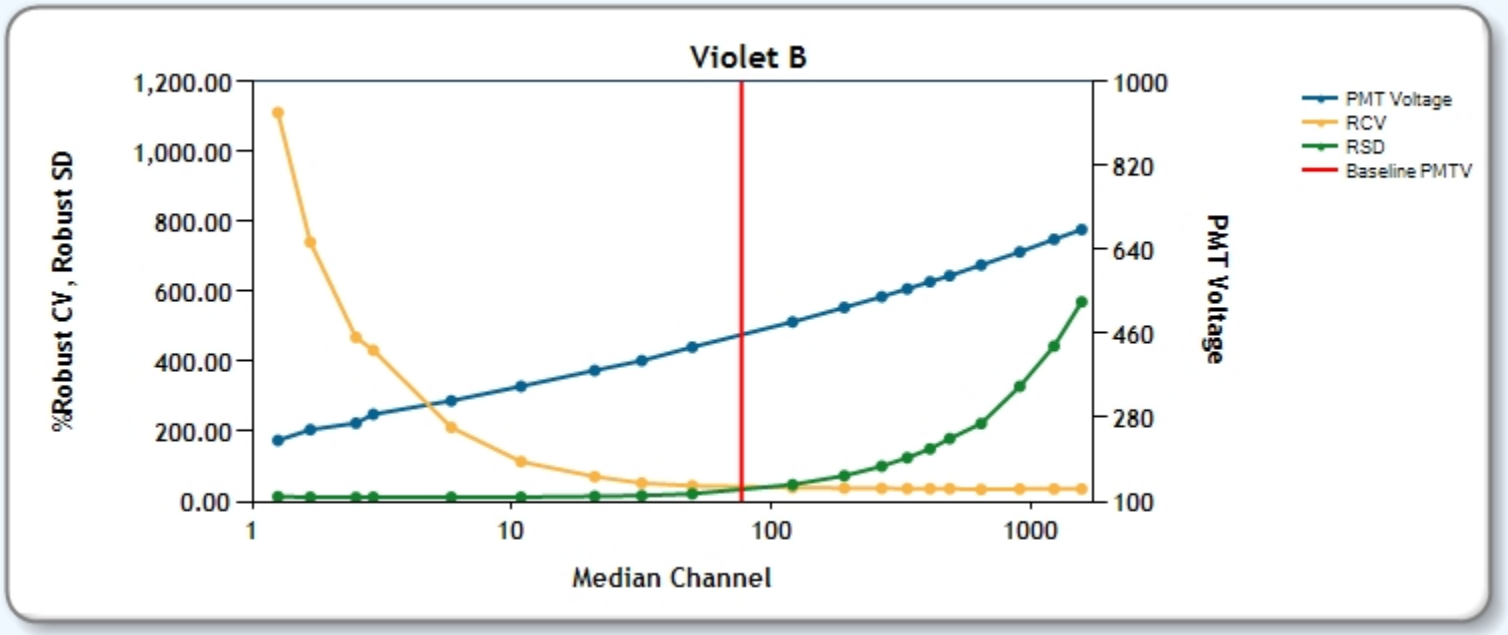
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

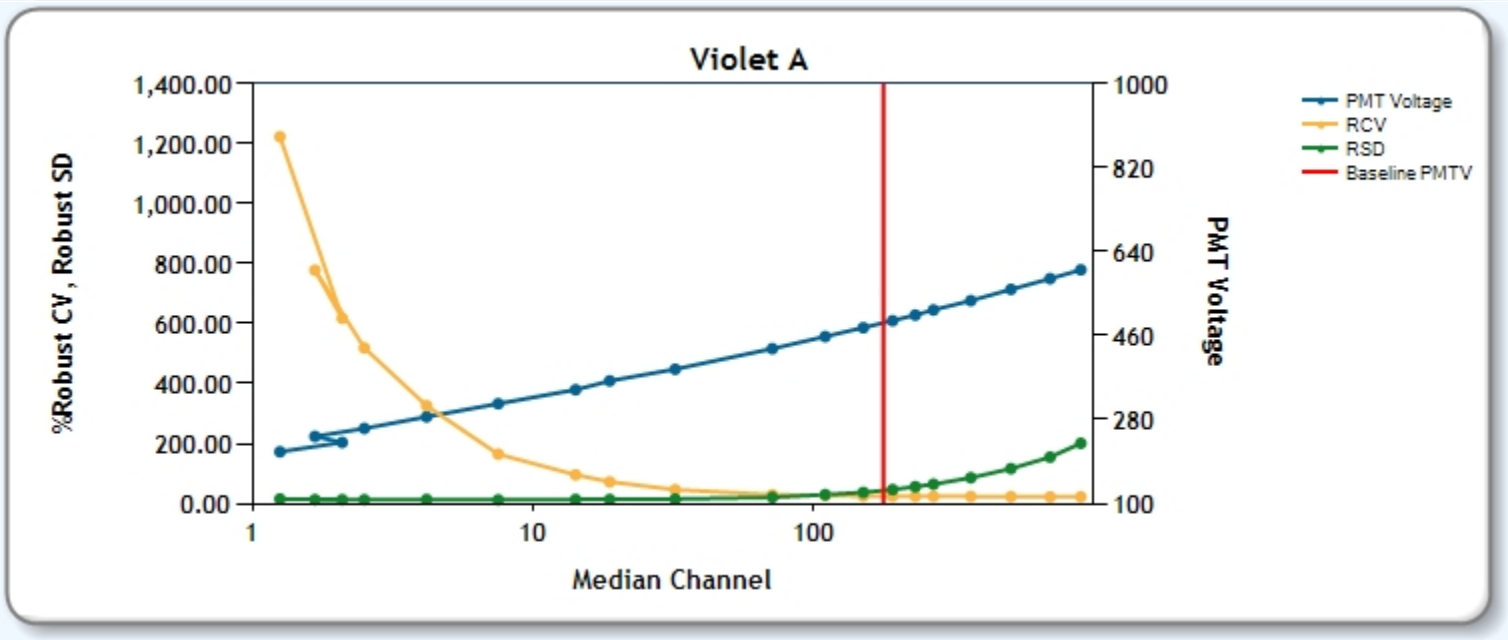




Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

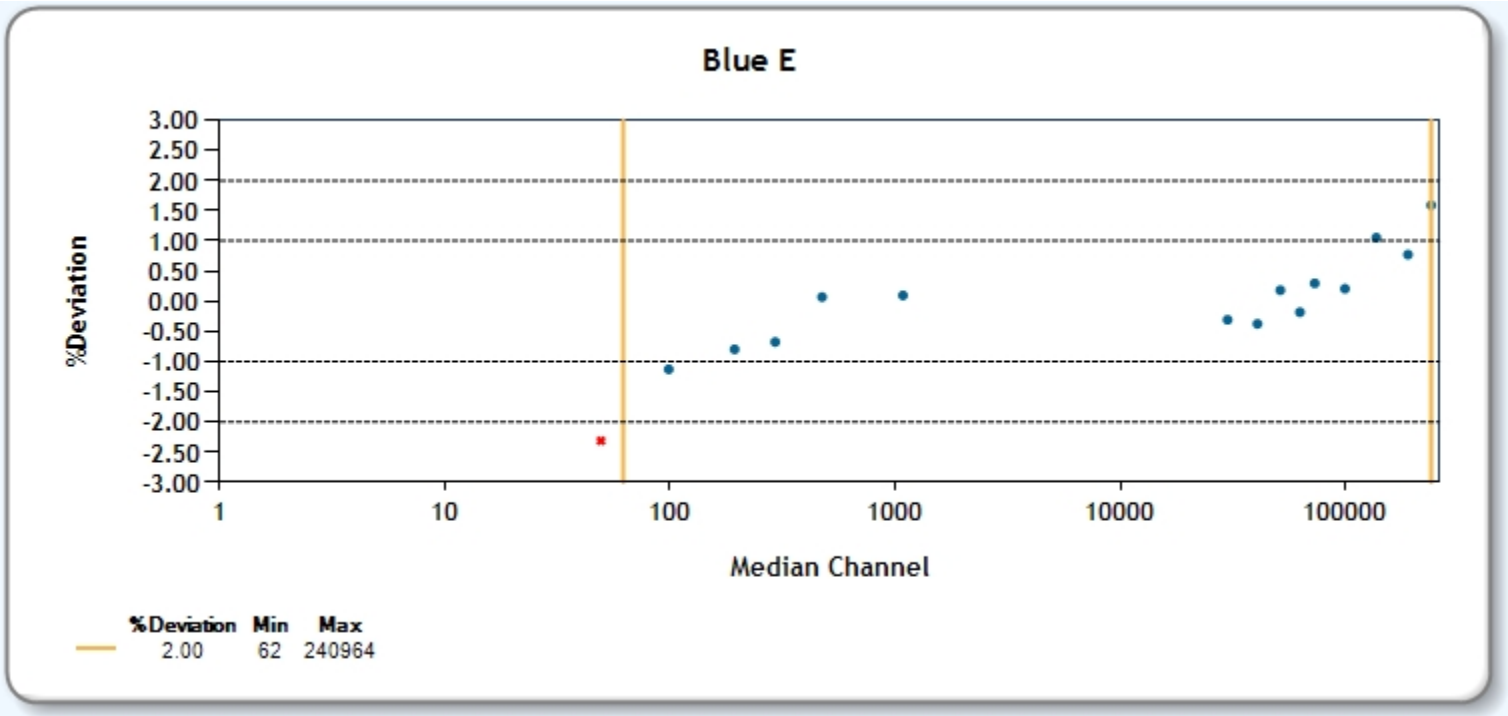


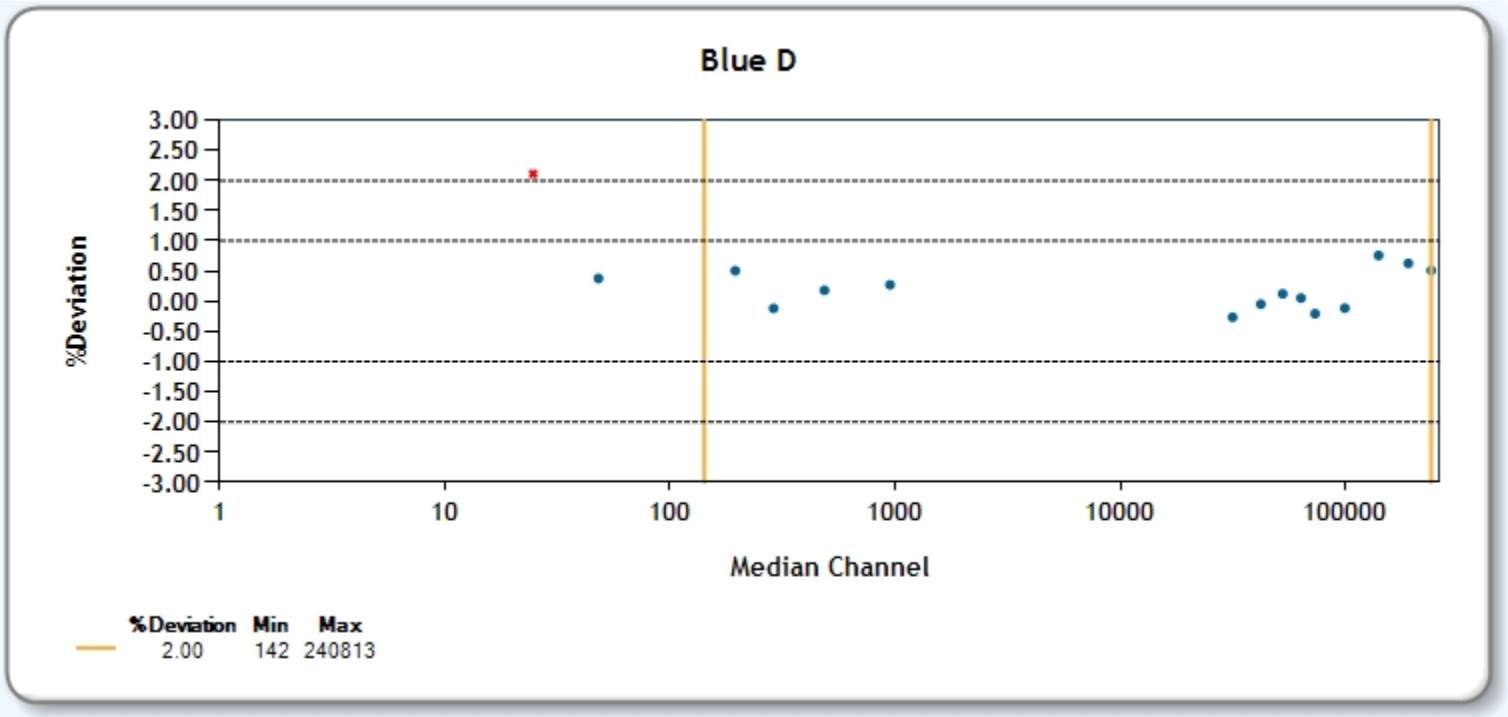


Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

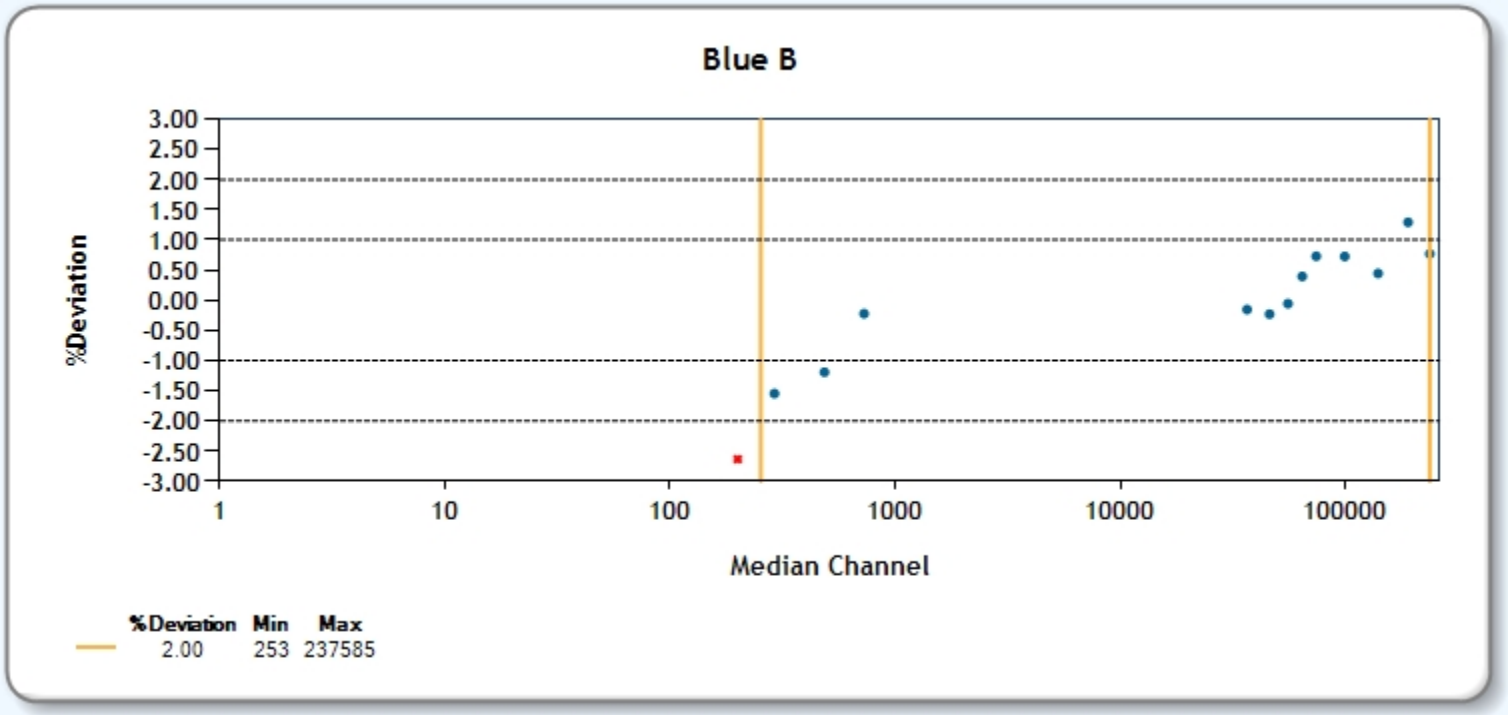
Linearity Results

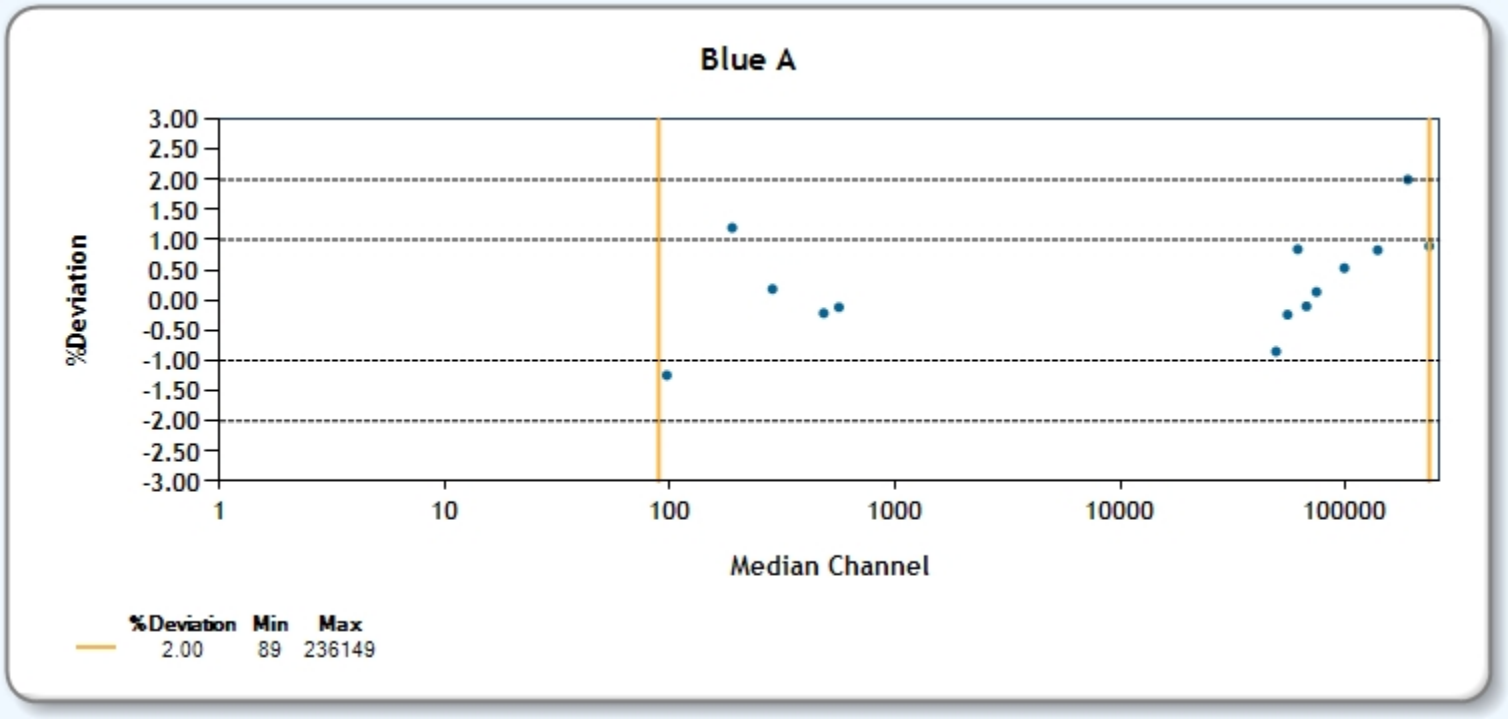




Cytometer Baseline Report

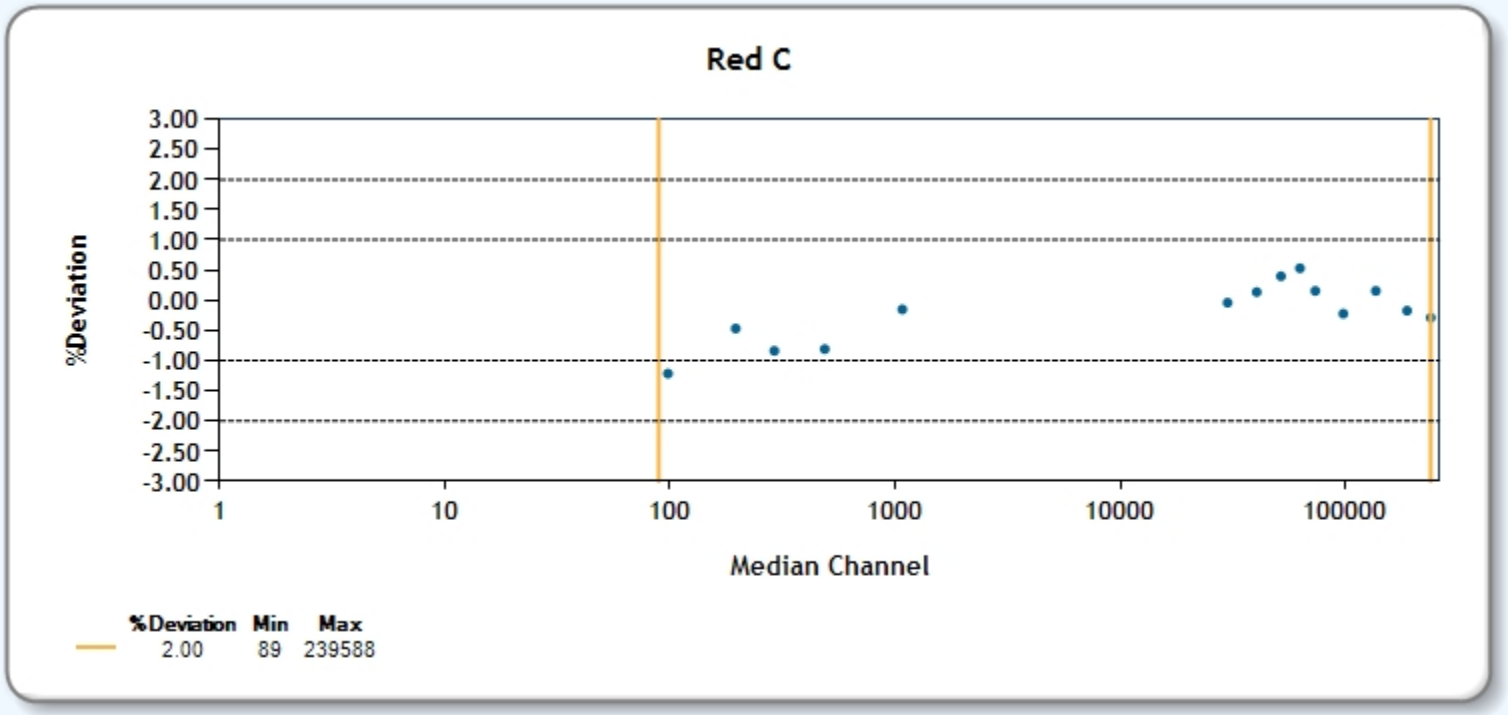
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

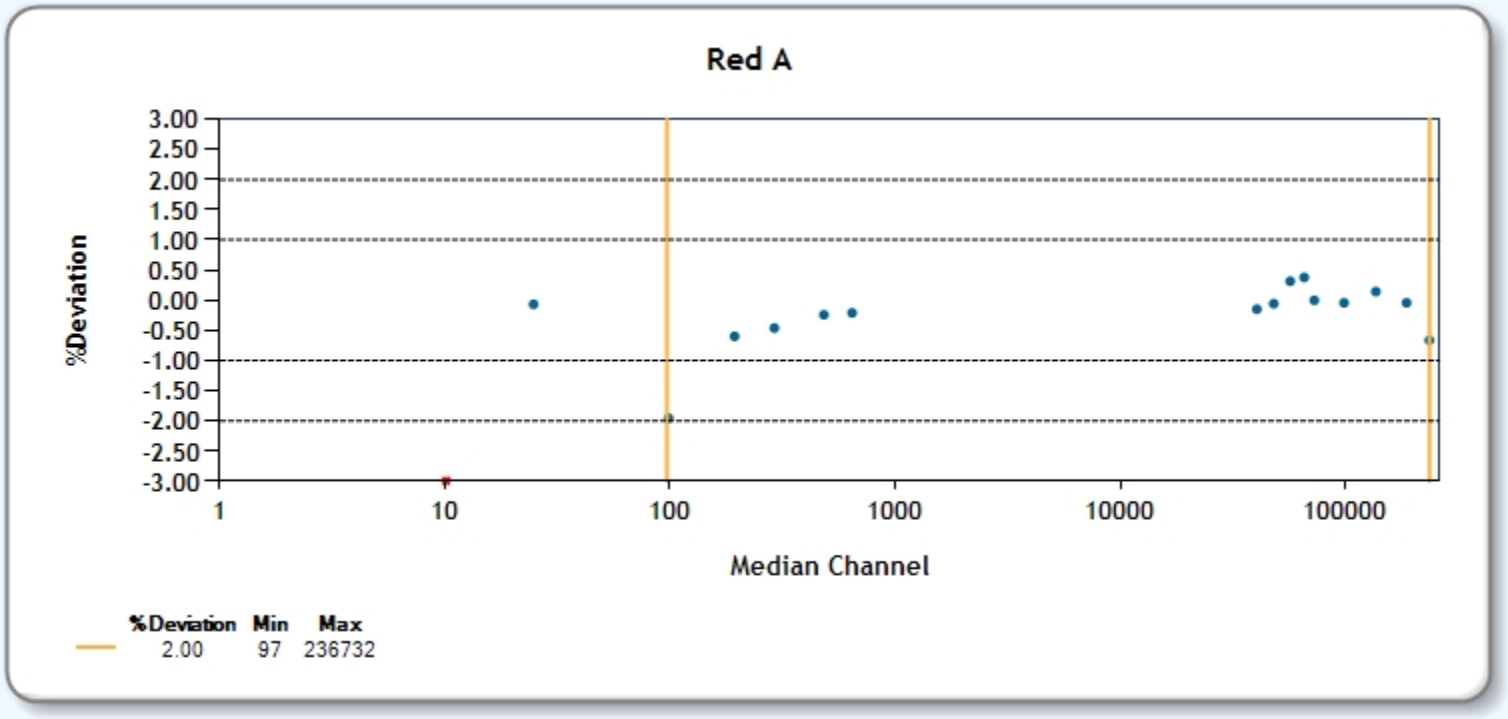




Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		





Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2016 10:14 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)